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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Keeth, et al. Applicant(s):

Anh Quan Tra Examiner:

Serial No.:

09/885,217

Art Unit:

2816

Filed:

22 August 2001

Entitled:

256 MEG DYNAMIC RANDOM ACCESS MEMORY

<u>RESPONSE AND AMENDMENT</u>

In response to the Office action mailed 29 May 2002, please amend the aboveidentified application as follows:

In the claims

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Please cancel claims 224, 497, and 498.

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Please amend the following claims:

223. (Amended) A voltage reference circuit responsive to an external voltage for supplying a reference voltage, comprising:

an active reference circuit for receiving the external voltage and for producing a reference signal having a desired relationship with the external voltage, said active reference circuit comprising a current source utilizing a current mirror for providing current to a diode stack having an adjustable impedance; and

a unity gain amplifier responsive to said reference signal for producing the reference voltage.

225. (Amended) The voltage reference circuit of claim [224]223 wherein said diode stack includes a plurality of transistors connected in series, with each transistor's gate connected to a common potential, and a plurality of switches each for selectively shunting one of said transistors.